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## 生体機能イメージング講座

### 論 文

#### 〔原 著〕

Ishiwata K, Ebinuma R, Watanabe C, Hayashi K, Toyohara J. Reliable radiosynthesis of 4- $[^{10}\text{B}]$ borono-2- $[^{18}\text{F}]$ fluoro-L-phenylalanine with quality assurance for boron neutron capture therapy-oriented diagnosis. *Annals of Nuclear Medicine*. 201808; 32(7):463-473.

Hayashi S, Inaji M, Nariai T, Oda K, Sakata M, Toyohara J, Ishii K, Ishiwata K, Maehara T. Increased binding potential of brain adenosine  $A_1$  receptor in chronic stages of patients with diffuse axonal injury measured with [1-methyl- $^{11}\text{C}$ ]8-dicyclopropylmethyl-1-methyl-3-propylxanthine PET imaging. *Journal of Neurotrauma*. 201801; 35(1):25-31.

Ishibashi K, Miura Y, Wagatsuma K, Toyohara J, Ishiwata K, Ishii K. Occupancy of adenosine  $A_{2A}$  receptors by istradefylline in patients with Parkinson's disease using  $^{11}\text{C}$ -preladenant PET. *Neuropharmacology*. 201812; 143:106-112.

Ishibashi K, Onishi A, Fujiwara Y, Oda K, Ishiwata K, Ishii K. Longitudinal effects of aging on brain  $^{18}\text{F}$ -FDG distribution in cognitively normal elderly individuals. *Scientific Reports*. 201808; 8(1):11557.

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van Waarde A, Dierckx RAJO, Zhou X, Khanapur S, Tsukada H, Ishiwata K, Luurtsema G, de Vries EFJ, Elsinga PH. Potential applications of adenosine  $A_{2A}$  receptor ligands and  $A_{2A}$  receptor imaging. *Medical Research Reviews*. 201801; 38(1):5-56.